

Spool File For Oracle Students Trained by Mr.Sathish Yellanki

```
SQL> SET SQLPROMPT SCOTT>
SCOTT>cl scr
```

```
SCOTT>SELECT * FROM Emp;
```

EMPNO	ENAME	JOB	MGR	HIREDATE	SAL
COMM	DEPTNO				
10	7839 KING	PRESIDENT		17-NOV-81	5000
30	7698 BLAKE	MANAGER	7839	01-MAY-81	2850
10	7782 CLARK	MANAGER	7839	09-JUN-81	2450
20	7566 JONES	MANAGER	7839	02-APR-81	2975
1400	7654 MARTIN	SALESMAN	7698	28-SEP-81	1250
	30				
300	7499 ALLEN	SALESMAN	7698	20-FEB-81	1600
	30				
0	7844 TURNER	SALESMAN	7698	08-SEP-81	1500
	30				
30	7900 JAMES	CLERK	7698	03-DEC-81	950
500	7521 WARD	SALESMAN	7698	22-FEB-81	1250
	30				
20	7902 FORD	ANALYST	7566	03-DEC-81	3000
20	7369 SMITH	CLERK	7902	17-DEC-80	800
20	7788 SCOTT	ANALYST	7566	09-DEC-82	3000
20	7876 ADAMS	CLERK	7788	12-JAN-83	1100
10	7934 MILLER	CLERK	7782	23-JAN-82	1300

```
14 rows selected.
```

```
SCOTT>cl scr
```

```
SCOTT>COLUMN GRANTEE FORMAT A15
SCOTT>COLUMN "Table" FORMAT A15
SCOTT>COLUMN GRANTOR FORMAT A15
SCOTT>COLUMN PRIVILEGE FORMAT A15
SCOTT>SELECT
```

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```
2  GRANTEE,
3  TABLE_NAME "Table",
4  GRANTOR,
5  PRIVILEGE
6  FROM USER_TAB_PRIVS_MADE;

no rows selected

SCOTT>cl scr

SCOTT>CREATE ROLE SCOTTRole;
CREATE ROLE SCOTTRole
*
ERROR at line 1:
ORA-01031: insufficient privileges
```

```
SCOTT>CREATE ROLE SCOTTRole;

Role created.
```

```
SCOTT>GRANT SELECT
2  ON Emp
3  TO SCOTTROLE;
```

Grant succeeded.

```
SCOTT>GRANT SCOTTROLE
2  TO DBASEC;
```

Grant succeeded.

```
SCOTT>GRANT UPDATE, DELETE
2  ON Emp
3  TO SCOTTRole;
```

Grant succeeded.

```
SCOTT>REVOKE DELETE
2  ON Emp
3  FROM DBASEC;
```

```
REVOKE DELETE
*
```

```
ERROR at line 1:
ORA-01927: cannot REVOKE privileges you did not grant
```

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```
SCOTT>REVOKE DELETE
  2  FROM SCOTTRole;
REVOKE DELETE
  *
```

ERROR at line 1:
ORA-01919: role 'DELETE' does not exist

```
SCOTT>REVOKE DELETE
  2  ON Emp
  3  FROM SCOTTRole;
```

Revoke succeeded.

```
SCOTT>cl scr
```

```
SCOTT>DESC USER_ROLE_PRIVS
Name                                         Null?
Type
```

```
-----
-----
USERNAME
VARCHAR2(30)
GRANTED_ROLE
VARCHAR2(30)
ADMIN_OPTION
VARCHAR2(3)
DEFAULT_ROLE
VARCHAR2(3)
OS_GRANTED
VARCHAR2(3)
```

```
SCOTT>SELECT
  2  USERNAME,
  3  GRANTED_ROLE
  4  FROM USER_ROLE_PRIVS;
```

```
USERNAME                                     GRANTED_ROLE
-----
SCOTT                                         CONNECT
SCOTT                                         RESOURCE
SCOTT                                         SCOTTROLE
```

```
SCOTT>COLUMN ROLE FORMAT A10
SCOTT>COLUMN PRIVILEGE FORMAT A20
SCOTT>SELECT
  2  ROLE,
```

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```
3 PRIVILEGE
4 FROM ROLE_SYS_PRIVS;
```

ROLE	PRIVILEGE
RESOURCE	CREATE TRIGGER
RESOURCE	CREATE SEQUENCE
RESOURCE	CREATE TYPE
RESOURCE	CREATE PROCEDURE
RESOURCE	CREATE CLUSTER
CONNECT	CREATE SESSION
RESOURCE	CREATE OPERATOR
RESOURCE	CREATE INDEXTYPE
RESOURCE	CREATE TABLE

9 rows selected.

```
SCOTT>SELECT
2 ROLE,
3 PRIVILEGE
4 FROM ROLE_TAB_PRIVS;
```

ROLE	PRIVILEGE
SCOTTROLE	SELECT
SCOTTROLE	UPDATE

```
SCOTT>DROP ROLE SCOTTROLE;
```

Role dropped.

```
SCOTT>cl scr
```

```
SCOTT>DESC Emp
Name                                     Null?
Type
-----
EMPNO                                     NOT
NULL NUMBER(4)
ENAME
VARCHAR2(10)
JOB
VARCHAR2(9)
MGR
NUMBER(4)
```

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```
HIREDATE
DATE
SAL
NUMBER(7,2)
COMM
NUMBER(7,2)
DEPTNO
NULL NUMBER(2)
```

```
SCOTT>cl scr
```

```
SCOTT>CREATE SYNONYM Employee
2 FOR SCOTT.Emp;
```

```
Synonym created.
```

```
SCOTT>SELECT * FROM TAB;
```

TNAME	TABTYPE	CLUSTERID
EMPLOYEE	SYNONYM	
DEPT	TABLE	
EMP	TABLE	
BONUS	TABLE	
SALGRADE	TABLE	
DUMMY	TABLE	
CUSTOMER	TABLE	
ORD	TABLE	
ITEM	TABLE	
PRODUCT	TABLE	
PRICE	TABLE	
SALES	VIEW	

```
12 rows selected.
```

```
SCOTT>DESC Employee
```

Name	Type	Null?
EMPNO		NOT
NULL NUMBER(4)		
ENAME		
VARCHAR2(10)		
JOB		
VARCHAR2(9)		

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MGR
NUMBER(4)
HIREDATE
DATE
SAL
NUMBER(7,2)
COMM
NUMBER(7,2)
DEPTNO
NOT
NULL NUMBER(2)

SCOTT>SELECT * FROM Employee;

EMPNO	ENAME	JOB	MGR	HIREDATE	SAL
COMM	DEPTNO				
	7839	KING	PRESIDENT	17-NOV-81	5000
10					
	7698	BLAKE	MANAGER	7839 01-MAY-81	2850
30					
	7782	CLARK	MANAGER	7839 09-JUN-81	2450
10					
	7566	JONES	MANAGER	7839 02-APR-81	2975
20					
	7654	MARTIN	SALESMAN	7698 28-SEP-81	1250
1400	30				
	7499	ALLEN	SALESMAN	7698 20-FEB-81	1600
300	30				
	7844	TURNER	SALESMAN	7698 08-SEP-81	1500
0	30				
	7900	JAMES	CLERK	7698 03-DEC-81	950
30					
	7521	WARD	SALESMAN	7698 22-FEB-81	1250
500	30				
	7902	FORD	ANALYST	7566 03-DEC-81	3000
20					
	7369	SMITH	CLERK	7902 17-DEC-80	800
20					
	7788	SCOTT	ANALYST	7566 09-DEC-82	3000
20					
	7876	ADAMS	CLERK	7788 12-JAN-83	1100
20					
	7934	MILLER	CLERK	7782 23-JAN-82	1300
10					

14 rows selected.

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```
SCOTT>CREATE OR REPLACE VIEW EmpDept10Info
2  AS
3  SELECT * FROM
4  Employee
5  WHERE Deptno = 10;
```

View created.

```
SCOTT>SELECT * FROM EmpDept10Info;
```

EMPNO	ENAME	JOB	MGR	HIREDATE	SAL
7839	KING	PRESIDENT		17-NOV-81	5000
7782	CLARK	MANAGER	7839	09-JUN-81	2450
7934	MILLER	CLERK	7782	23-JAN-82	1300

```
SCOTT>DROP TABLE Employee;
DROP TABLE Employee
*
```

ERROR at line 1:
ORA-00942: table or view does not exist

```
SCOTT>ALTER TABLE Employee
2  ADD
3  (
4  SampCol VARCHAR2(10)
5  );
```

```
ALTER TABLE Employee
*
```

ERROR at line 1:
ORA-00942: table or view does not exist

```
SCOTT>cl scr
```

```
SCOTT>GRANT SELECT
2  ON Employee
3  TO DBASEC;
```

Grant succeeded.

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SCOTT>cl scr

SCOTT>CREATE PUBLIC SYNONYM Employee
2 FOR SCOTT.Emp;

Synonym created.

SCOTT>DROP SYNONYM Employee;

Synonym dropped.

SCOTT>DROP PUBLIC SYNONYM Employee;
DROP PUBLIC SYNONYM Employee
*

ERROR at line 1:
ORA-01031: insufficient privileges

SCOTT>DROP PUBLIC SYNONYM Employee;

Synonym dropped.

SCOTT>SPPOOL OFF

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